INDEX

Accidents: Important measures necessary to minimize risks from, 181–182; number of industrial, annually in United States, 257.

Adams, W. G. S. The Basis of Constructive Internationalism, 217–229.

Agricultural efficiency: Efforts of Alabama to establish greater, 187; possibilities of greater, through scientific management, 194.

Agricultural Efficiency, Greater, For The Black Belt of Alabama. C. E. Allen, 187–198.

Agricultural experiment stations, importance of, to agriculture, 48.

—— situation in Black Belt of Alabama, 191.

Agriculture: Disadvantages of crude methods of, employed by negro, 196–197; importance of agricultural experiment stations to, 48; instruction in, for negro, 196; records regarding, in Alabama, 188.

Alabama: Agricultural records in the Black Belt of, 188; agricultural records in the White Counties of, 188; agricultural situation in Black Belt of, 191; decrease in rural population of Black Belt of, 190; effect of Civil War on industrial organization of Black Belt of, 191–193; effect of emancipation on industrial system in White Counties of, 194; efforts of, to establish greater agricultural efficiency, 187; extent of the Black Belt of, 187; farm improvement in the Black Belt of, 189–190; farm improvement in the White Counties of, 189–190; increase in rural population of White Counties of, 190–191; need of improving rural conditions in Black Belt of, 195; suggestions for improvements in rural districts of, 191.

Alabama, Greater Agricultural Efficiency for the Black Belt of. C. E. Allen, 187–198.

Allen, C. E. Greater Agricultural Efficiency for the Black Belt of Alabama, 187–198.

America: Dependence of, for prepared materials, 48; freedom of the sea, a vital interest of, 265; necessity for conservation of natural and human resources in, 210; need of conservation in, 215. *See* United States.

America, How Can, Best Contribute to the Maintenance of the World's Peace? G. Lowes Dickinson, 235–238.

America, How Can, Best Contribute Toward Constructive and Durable Peace? Charles W. Eliot, 243–244.

America, May Contribute to the Permanent Peace of the World, How? George W. Kirchwey, 230–234.

American Army, The Constructive Work of the. Leonard Wood, 257–262.

American business houses, number of, in Buenos Aires, 57.

—— citizens: Protection of, in foreign lands, 266; protection of, on high seas, 266.

—— doctrine, results of the establishment of an, 249.

American Export Policies. Franklin Johnston, 51–59.

American industries, present financial status of, 253.

American Industry and Labor, European War Influences Upon. Samuel Gompers, 4–10.

INDEX

Accidents: Important measures necessary to minimize risks from, 181–182; number of industrial, annually in United States, 257.

Adams, W. G. S. The Basis of Constructive Internationalism, 217–229.

Agricultural efficiency: Efforts of Alabama to establish greater, 187; possibilities of greater, through scientific management, 194.

Agricultural Efficiency, Greater, For The Black Belt of Alabama. C. E. Allen, 187–198.

Agricultural experiment stations, importance of, to agriculture, 48.

—— situation in Black Belt of Alabama, 191.

Agriculture: Disadvantages of crude methods of, employed by negro, 196–197; importance of agricultural experiment stations to, 48; instruction in, for negro, 196; records regarding, in Alabama, 188.

Alabama: Agricultural records in the Black Belt of, 188; agricultural records in the White Counties of, 188; agricultural situation in Black Belt of, 191; decrease in rural population of Black Belt of, 190; effect of Civil War on industrial organization of Black Belt of, 191–193; effect of emancipation on industrial system in White Counties of, 194; efforts of, to establish greater agricultural efficiency, 187; extent of the Black Belt of, 187; farm improvement in the Black Belt of, 189–190; farm improvement in the White Counties of, 189–190; increase in rural population of White Counties of, 190–191; need of improving rural conditions in Black Belt of, 195; suggestions for improvements in rural districts of, 191.

Alabama, Greater Agricultural Efficiency for the Black Belt of. C. E. Allen, 187–198.

Allen, C. E. Greater Agricultural Efficiency for the Black Belt of Alabama, 187–198.

America: Dependence of, for prepared materials, 48; freedom of the sea, a vital interest of, 265; necessity for conservation of natural and human resources in, 210; need of conservation in, 215. *See* United States.

America, How Can, Best Contribute to the Maintenance of the World's Peace? G. Lowes Dickinson, 235–238.

America, How Can, Best Contribute Toward Constructive and Durable Peace? Charles W. Eliot, 243–244.

America, May Contribute to the Permanent Peace of the World, How? George W. Kirchwey, 230–234.

American Army, The Constructive Work of the. Leonard Wood, 257–262.

American business houses, number of, in Buenos Aires, 57.

—— citizens: Protection of, in foreign lands, 266; protection of, on high seas, 266.

—— doctrine, results of the establishment of an, 249.

American Export Policies. Franklin Johnston, 51–59.

American industries, present financial status of, 253.

American Industry and Labor, European War Influences Upon. Samuel Gompers, 4–10.

American markets and trade, effect of European war on, 5.
AMERICA'S INDUSTRIAL POSITION, WHAT SCIENTIFIC MANAGEMENT MEANS TO. Frank B. Gilbreth and Lillian Moller Gilbreth, 208–216.
AMERICA'S INDUSTRIES AS AFFECTED BY THE EUROPEAN WAR. Alba B. Johnson, 1–3.
AMERICA'S POSSIBLE CONTRIBUTION TO A CONSTRUCTIVE PEACE. Morris Hillquit, 239–242.
AMERICA'S UNEMPLOYMENT PROBLEM. Henry Bruère, 11–23.
ANDREWS, JOHN B. A National System of Labor Exchanges in Its Relation to Industrial Efficiency, 138–145.
Arbitration: Adoption of principles of, 224; demand for compulsory, 270; necessity of a sheriff behind courts of, 274; objection to, 221.
Argentine: Commercial failures in, 54; growth of our exports to, 51.
—— business houses, number of, in Buenos Aires, 58.
Arms, exportation of, by United States to belligerents, 240–241.
Austria-Hungary, population of, 35.

Belligerents, exportation of arms by United States to, 240–241.
BLOOMFIELD, MEYER. The New Profession of Handling Men, 121–126.
BONN, MORITZ J. Commercial Isolation versus Iuternational Trade, 60–65.
Boot and shoe manufacturing industry: Methods of improving unemployment in, 163; notes regarding unemployment in, 162–164.
Boston, establishment of Employment Managers' Association in, 121.
Brazil, growth of our exports to, 51–52.
BRISCO, NORRIS A. Working Conditions Necessary for Maximum Output, 174–182.
British business houses, number of, in Buenos Aires, 57.
—— fleet, effect on our commerce of the destruction of the, 265.
—— Isles, effect on our commerce of a blockade of the, 265.
BRUÈRE, HENRY. America's Unemployment Problem, 11–23.
BRUÈRE, HENRY. Development of Standards in Municipal Government, 199–207.
Buenos Aires: Number of Argentine business houses in, 58; number of American business houses in, 57; number of British business houses in, 57; number of German business houses in, 57; number of Italian business houses in, 58; number of Spanish business houses in, 58; total number of business houses in, 58.
Bulgaria, population of, 36.
Business: Causes for depression in, before the war, 2; need of coöperation between government and, 41–42; need of flexibility in government and, 47; problems confronting, 19.

Central America, condition of business in, 83.
CENTRAL AND SOUTH AMERICA, THE RELATIONS OF, WITH THE UNITED STATES AS AFFECTED BY THE EUROPEAN WAR. Luis F. Corea, 66–70.
City government: Regeneration in, 199; standardization in, 199, 206.
Civilization: Effect of European war on, 235; factors marking growth of, 252; international organism of human, 239; United States army as advanced guard of, 261.
Clayton Act, export trade and the, 55.
Clearing house, an international, 60–61.
Commerce: Freedom of seas to, 243; reason for decrease in, with South America, 79.
COMMERCIAL ISOLATION VERSUS IN-

TERNATIONAL TRADE. Moritz J. Bonn, 60–65.
Commercial relations between United States and Central and South America, 67–69.
Conservation: Need of, in America, 215; of natural and human resources, necessity for, in America, 210; relation between industrial supremacy and, 209–210.
COOKE, MORRIS LLEWELLYN. Scientific Management as a Solution of the Unemployment Problem, 146-164.
Coöperation: Between bankers and industries in Europe, 74–75; for the development of foreign trade, 76; necessity of, in an industrial organization, 107; necessity of, in handling problem of unemployment, 28; need of, between business and government, 41–42; program for, among conservers, 215; scientific management, a means of providing, among conservers, 215.
Coöperative foreign selling agencies, existence of, 58.
COREA, LUIS F. The Relations of Central and South America with the United States as Affected by the European War, 66–70.
CORPORATE ORGANIZATION, THE PRINCIPLES OF EFFICIENCY APPLIED TO THE FORM OF. Henry S. Dennison, 183–186.
Cost, elements of, 166–167.
—— accounting: Accounts to be kept in dual method of, 170–172; advantages of intelligent, 165; backwardness of small manufacturers in adopting systems of, 166; the direct labor method of, 168; the dual method of, 169–172; the prime cost method of, 168; the quantity method of, 167; three systems of, 167–169.
COST ACCOUNTING, Simplified, for Manufacturers. Walter B. Palmer, 165–173.
Cost finding, need of adequate, among American manufacturers, 173.
COSTS AND PROFITS, THE EFFECT OF IDLE PLANT ON. H. L. Gantt, 86–89.
Court of Arbitral Justice, acceptance of, by forty-four nations, 278.
Courts of arbitration, necessity of a sheriff behind, 274.
Credits: Question of extension of, 81–82; system of, in South American business, 72–73.
Cuba, accomplishments of United States army in, 258–259.

Defense: Chief means and methods of, 266–267; subjects of, 263.
DEFENSE, SOME PROBLEMS OF. Amos S. Hershey, 263–269.
Demand, rise and fall in, a cause of unemployment, 154.
DENNISON, HENRY S. The Principles of Industrial Efficiency Applied to the Form of Corporate Organization, 183–186.
DICKINSON, G. LOWES. How Can America Best Contribute to the Maintenance of the World's Peace? 235–238.

Economic access, security of the right of, 227.
—— opportunities, offered United States by European war, 5.
—— pressure: Application of, 272; means of applying, 270; of what it consists, 270–271; reasons against, 271; resolutions embodying, as a means of conserving peace, 272–273.
ECONOMIC PRESSURE AS A MEANS TOWARD CONSERVING PEACE. Herbert S. Houston, 270–273.
Efficiency: Efforts of Alabama to establish greater agricultural, 187; in government, value of standards in promoting, 200; in industrial plants, efforts to obtain, 174; in organization, rational plan of com-

pensation, a requirement of, 205; of employees, means adopted by one industrial establishment to insure, 107–108; profit sharing as a spur to, 185; promotion of, by standardization of supplies specifications, 203.

EFFICIENCY, GREATER AGRICULTURAL, FOR THE BLACK BELT OF ALABAMA. C. E. Allen, 187–198.

ELIOT, CHARLES W. How Can America Best Contribute toward Constructive and Durable Peace, 243–244.

Emigration, effect of European war, on, from United States, 38.

Employees: Advantages resulting from training, to do several kinds of work, 152; advantages to a business of loyalty and enthusiasm of, 115; care necessary in hiring new, 104; causes of lost time of, 163–164; determination of, to receive part of surplus, 185; development and training of, a function of the management, 107; diminishing of time lost by, 163–164; importance of character of, 106; importance of fitness of, for organization, 105, 106; importance of physical and mental fitness of, 105–106; improved method of hiring and discharging, 132; loss occasioned by unnecessary hiring and discharging of, 129; means adopted in insuring efficiency of, 107–108; method of securing new, 107; methods of hiring and discharging, 132–134, 151; methods of training, 134; proper treatment of, 109; results of carrying a larger number of, on payroll than necessary, 155; seriousness of handling, 123.

Employment: Advantages of continuous, 162; advantages of scientific study of, 112–113; conditions affecting steadiness of, 110–111; function of, 108–124; future attitude of employers toward steadying of, 135–136; importance of, in an industrial establishment, 103; importance of application blank in, 126; instability in, 96–97; irregularity of, among miners, 99; meaning of, 103; methods of securing, 141; reduction of fluctuations in, 134–136; results of fluctuations in, 41; results of instability in, 97; seasonal element in, 117; steadiness of, on what it depends, 110.

EMPLOYMENT, SCIENTIFIC MANAGEMENT APPLIED TO THE STEADYING OF, AND ITS EFFECT IN AN INDUSTRIAL ESTABLISHMENT. Richard A. Feiss, 103–111.

Employment agents, disadvantages of private, 142.

—— bureaus: Disadvantages of the present situation of public, 144–145; extent of public, 142–143; need for a federal system of public, 144; need of establishing, 158; reasons for failure of philanthropic, 142.

—— department: Argument for establishment of a functionalized, 116; difficulty in establishing an, 113–114; importance of, in an industrial establishment, 104; importance of a functionalized, 132; place of, in industrial organization, 114; relation between, and other departments of organization, 118.

EMPLOYMENT DEPARTMENT, A FUNCTIONALIZED, AS A FACTOR IN INDUSTRIAL EFFICIENCY. Ernest Martin Hopkins, 112–120.

Employment Managers' Association: Aims of, 121; establishment of, in Boston, 121; organization of, 17.

—— —— associations: Organization of, 17; work to be accomplished by, 122.

—— offices: Duties of, 138; powers of organized, 125; public, in Germany, 138–139.

—— superintendent, qualifications of the, 123.

England: Benefits derived from free trade policy of, 265; improbability of a war with, 268.

Europe: Average annual amount of money available in, 252; conditions in after war is over, 33; coöperation between bankers and industries in, 74–75.
European capital, extent of, in South America, 74.
—— control of railways in South America, 74.
—— war: As a factor in the advancement of internationalism, 218; causes of, 245; condition of unorganized workers as a result of, 8; consumers as bearers of cost of, 252–253; economic opportunities offered United States by, 5; effect of, on: American markets and trade, 5, civilization, 235, emigration from United States, 38, German trade with Latin America, 67, immigration, 32, 37–38, industry, 45, industry in Germany, 46, international credit relations, 61–62, mankind, 241, organized society, 4, social and industrial life of United States, 239, wage-earners, 5; effects after the, 9; first effects of, on industry and commerce in United States, 6; first result of, 1; increase in unemployment as a result of, 6; indirect costs of, 252; lessons taught by, 50; moral influence of United States on, 241; probable annual expenditures of nations engaged in, 252; real cause of the, 254–255; rise in prices a result of, 6.
EUROPEAN WAR, AMERICA'S INDUSTRIES AS AFFECTED BY THE. Alba B. Johnson, 1–3.
EUROPEAN WAR, SOME INDUSTRIAL LESSONS OF THE. John Price Jackson, 45–50.
EUROPEAN WAR, THE RELATIONS OF CENTRAL AND SOUTH AMERICA WITH THE UNITED STATES AS AFFECTED BY THE. Luis F. Corea, 66–70.
EUROPEAN WAR INFLUENCES UPON AMERICAN INDUSTRY AND LABOR. Samuel Gompers, 4–10.
Expense distribution, new theory of, 87.
Export distribution, facilities to help manufacturers in, 56.
—— manufacturers, ratings of various, 51.
—— merchants, number of, in large cities, 57.
EXPORT POLICIES, AMERICAN. Franklin Johnston, 51–59.
Export trade: American success in, 51; application of Sherman law to, 54–55; objections of small manufacturers to combinations for, 55–56; the Clayton Act and, 55.

Factory, air impurities found in a, 180.
Farm improvement: In the Black Belt of Alabama, 189–190; in the White Counties of Alabama, 189–190.
Federal reserve banks, value of, to business, 3.
—— —— Law, effect of, on money, 254.
FEISS, RICHARD A. Scientific Management Applied to the Steadying of Employment and Its Effect in an Industrial Establishment, 103–111.
Force, effect of introducing element of, in league of peace, 279–280.
Foreign investments: Value of England's, 61; value of France's, 61; value of Germany's, 61.
—— trade: Coöperation for the development of, 76; policies with regard to future of, 63–64.
Free trade policy, benefits derived from, of England, 265.

GANTT, H. L. The Effect of Idle Plant on Costs and Profits, 86–89. *See also* 159.
German business houses, number of, in Buenos Aires, 57.
—— trade with Latin America, effect of European war on, 67.
Germany: Change in export policy of,

54; effect of European war on industry in, 46; efforts of, to relieve unemployment, 46–47; public employment offices in, 138–139; serious faults in export methods of, 53.

GILBRETH, FRANK B. AND LILLIAN MOLLER. What Scientific Management Means to America's Industrial Position, 208–216.

GOMPERS, SAMUEL. European War Influences upon American Industry and Labor, 4–10.

Government: Interest of, in unemployment, 12–13; need of coöperation between business and, 41–42; need of flexibility in business and, 47; value of standards in promoting efficiency in, 200.

Governmental aid, need of, in industry, 48–49.

Great Britain: Interdependence existing between United States and, 268; national system of labor exchanges in, 139–140.

Hebrew immigrants, number of, in 1914, 30.

HERSHEY, AMOS S. Some Problems of Defense, 263–269.

HILLQUIT, MORRIS. America's Possible Contribution to a Constructive Peace, 239–242.

HOPKINS, ERNEST MARTIN. A Functionalized Employment Department as a Factor in Industrial Efficiency, 112–120.

HOUSTON, HERBERT S. Economic Pressure as a Means toward Conserving Peace, 270–273.

IDLE PLANT, THE EFFECT OF, ON COSTS AND PROFITS. H. L. Gantt, 86–89.

Immigrants: Annual number of, 30; methods established to prevent unemployment of, 43; number of, in 1914: Hebrew, 30, Italian, 30, Polish, 30, Russian, 30.

Immigration: And our industrial prosperity, 33; beginning of a national domestic policy of, 42; effect of: development of ocean transportation on, 33, European war on, 32, 37, 38, on labor market, 22, on our democratic institutions, 37, previous European wars on, 32; liklihood of an increased, 36; minimum wage as a means of restricting, 43; need of restrictive legislation against, 37; probabilities as to future, 33; reasons for our large flow of, 31; result of unrestricted, 8; temporary effect of European war on, 37–38; transformation in racial composition of our, 30.

IMMIGRATION, THE WAR AND. Frank Julian Warne, 30–39.

IMMIGRATION, UNEMPLOYMENT AND. Frances A. Kellor, 40–44.

Income: Effect of unemployment upon, 99; importance of regularity of, 100.

Independence, right of small nations to, 245.

Industrial accidents: Number of, in the United States, 257; number of deaths caused annually in the United States by, 257.

—— depression, causes of, 19.

—— efficiency: Advancement of, 114–115; definition of, 113; dependence of, upon principles of industrial partnership, 186; problem of, 183. *See* Efficiency.

INDUSTRIAL EFFICIENCY, A FUNCTIONALIZED EMPLOYMENT DEPARTMENT AS A FACTOR IN. Ernest Martin Hopkins, 112–120.

INDUSTRIAL EFFICIENCY, A NATIONAL SYSTEM OF LABOR EXCHANGES IN ITS RELATION TO. John B. Andrews, 138–145.

INDUSTRIAL EFFICIENCY, THE PRINCIPLES OF, APPLIED TO THE FORM OF CORPORATE ORGANIZATION. Henry S. Dennison, 183–186.

INDUSTRIAL ESTABLISHMENT, SCIENTIFIC MANAGEMENT APPLIED TO THE STEADYING OF EMPLOYMENT, AND ITS EFFECT IN AN. Richard A. Feiss, 103–111.
Industrial establishments: Ignorance of, as to their high labor turn-over, 129, 131; importance of an employment department in, 104; importance of employment in, 103; problem of ventilation in, 178–179.
INDUSTRIAL LESSONS OF THE EUROPEAN WAR, SOME. John Price Jackson, 45–50.
Industrial management, relation between personnel and, 112.
—— organization: Effect of Civil War on, of Black Belt of Alabama, 191–193; necessity of coöperation in an, 107; place of employment department in an, 114.
—— plants: Efforts to obtain efficiency in, 174; necessity of having artificial lighting systems in, 176; need of fresh air in, 177.
—— position, relation of scientific management to, of a country, 209.
——prosperity, immigration and our,33.
—— supremacy: Reasons for, 210; relation between conservation and, 209–210.
Industry: Analogy between war and, 127–128; effect of European war on, 45; effect of European war on, in Germany, 46; efforts of, to prevent unemployment, 21; first effects of European war on commerce and, in United States, 6; need of governmental aid in, 48–49; regularization of, 17.
INDUSTRY, THE LABOR TURN-OVER AND THE HUMANIZING OF. Joseph H. Willits, 127–137.
INDUSTRY AND LABOR, EUROPEAN WAR INFLUENCES UPON AMERICAN. Samuel Gompers, 4–10.
INGERSOLL, C. H. War—Or Scientific Taxation, 252–256.
International agreements: Guaranty of transit in bond by, 226–227; nature and necessity of sanction in, 218–219; support of moral sanction to, 219.
—— clearing house, London, the seat of the, 60–61.
—— commission, establishment of a permanent, 221–222.
—— conference, results of, held at The Hague in 1900, 276.
—— control, object of, 225.
—— Council, creation of an, 244.
INTERNATIONAL COURT, AN, AN INTERNATIONAL SHERIFF AND WORLD PEACE. Talcott Williams, 274–275.
International credit relations, effect of European war, on, 61–62.
—— dependency, extent of, 60.
—— development, public opinion and, 229.
—— guaranty of peace, importance of, 236.
—— inquiry, submission of disputes to, 223.
—— law: Duty of United States with regard to violated principles of, 232; effect of a court of justice on, 277.
—— liberty, importance of, 220–221.
—— naval force, the United States and her share in the, 244.
—— organization: Development in, 218; duty of the, 226.
—— peace, steps necessary in establishing, 229.
—— polity: Developments possible under an, 225; foundation for development of, 223–224; objects of, 217–218; purpose of, 225.
—— right of inquiry, contributions to building up of, 222.
—— rights: Fundamental, of nations, 220–221; importance of safeguarding development of, 217.
INTERNATIONAL TRADE, COMMERCIAL ISOLATION VERSUS. Moritz J. Bonn, 60–65.
International treaties, value of, 222.

Internationalism: Foundation for constructive, 224; the European war as a factor in the advancement of, 218.

INTERNATIONALISM, THE BASIS OF CONSTRUCTIVE. W. G. S. Adams, 217–229.

Italian business houses, number of, in Buenos Aires, 58.

—— immigrants, number of, in 1914, 30.

JACKSON, JOHN PRICE. Some Industrial Lessons of the European War, 45–50.

JOHNSON, ALBA B. America's Industries as Affected by the European War, 1–3.

JOHNSTON, FRANKLIN. American Export Policies, 51–59.

KELLOR, FRANCES A. Unemployment and Immigration, 40–44.

KIRCHWEY, GEORGE W. How America May Contribute to the Permanent Peace of the World, 230–234.

Labor, adjustment of negro, after Civil War, 193–194.

—— difficulties, cause of large percentage of, 133.

—— exchanges: Attempts to establish a federal system of, in the United States, 145; national system of, in Great Britain, 139–140; usefulness of, 140.

LABOR EXCHANGES, A NATIONAL SYSTEM OF, IN ITS RELATION TO INDUSTRIAL EFFICIENCY. John B. Andrews, 138–145.

Labor force: Degree of permanency in the, 117–118; fluctuations in the, 96; result of fluctuation in, on income of workers, 97.

—— market: Condition of the, in the United States, 140; effect of immigration on, 22; organization of the, 41.

—— movement: Attitude of members of, in time of war, 7; value of the, 9–10.

—— organizations, value of, to wage-earners, 7.

—— turn-over: Advantages resulting from reduction in, 136; cause of high, 134; causes for a large percentage of, 116; definition of, 116, 128; disadvantages of a large, 122; effect of, on human resources, 128; efforts to solve problem of, 122–123; ignorance of industrial establishments as to their high, 129, 131; improvement in the, 150; means of reducing the, 131–137; reduction of, in one industrial establishment, 131; results of the reduction of, 131; study of, in several industrial establishments, 128–129.

LABOR TURN-OVER, THE, AND THE HUMANIZING OF INDUSTRY. Joseph H. Willits, 127–137.

Latin America: Desirability of closer relations between United States and, 232–233; drawback to the extension of our trade with, 73; effect of European war on German trade with, 67; influence of governmental policy on development of commercial intercourse between United States and, 68; reasons for refusal of long credits to, by United States, 73–74.

LATIN AMERICA, WHAT CAN THE UNITED STATES AND, DO FOR EACH OTHER? Charles M. Muchnic, 71–80.

Latin American trade: Finance as first fundamental necessary for, 81–82; record of, for 1913, 51; transportation a fundamental necessity for, 82.

LATIN AMERICAN TRADE, TRANSPORTATION FACILITIES NEEDED FOR. Welding Ring, 81–85.

League of peace, four stages in the conception of a, 281–282.

London, the seat of the international clearing house, 60–61.

Machines, inventions of new, a cause of unemployment, 154–155.
MANUFACTURERS, SIMPLIFIED COST ACCOUNTING FOR. Walter B. Palmer, 165–173.
Manufacturing at a loss, discussion of, 87–88.
—— departments, lack of balance between different, 156.
MARBURG, THEODORE. World Court and League of Peace, 276–283.
MEEKER, ROYAL. Some Recent Surveys of Unemployment, 24–29.
MEN, THE NEW PROFESSION OF HANDLING. Meyer Bloomfield, 121–126.
Merchant marine; Efforts to establish an American, 84; handicaps in the establishment of a, 84; reason for non-existence of a, 76–78.
Monroe Doctrine, enforcement of, by Americans, 264.
Motion study, laboratory investigations in, 214.
MUCHNIC, CHARLES M. What Can the United States and Latin America Do for Each Other, 71–80.
Municipal Employment Bureau, establishment of a, in New York City, 13.
MUNICIPAL GOVERNMENT, DEVELOPMENT OF STANDARDS IN. Henry Bruère, 199–207.
Municipal inefficiency, principal cause of, 204.

National conscience, of what it consists, 258.
Nationality, importance of strengthening right of, 226.
Navigation laws, objections to the present, 79.
Neutral powers: Duties of United States as a leader of the, 232; necessity of coöperation among, 232; United States as leader of, 240.
Neutrality, policy of, 225.
New York City: Amount of unemployment in, in 1914, 25; census method of ascertaining unemployment in, 25–26; concern of, in problem of unemployment, 13–14; effect of standardization of supplies in, 203–204; establishment of a Municipal Employment Bureau in, 13; major lines of activity in standardization in, 202; necessity of organizing a committee to deal with unemployment in, 14; percentage of unemployment in, 26–27; problems to be dealt with by committee on unemployment in, 14–15; total number of unemployed in, 15–16; work accomplished by committee on unemployment in, 15–16.

Ocean transportation, effect of development of, on immigration, 33.
Organization, importance of fitness of employee for, 105.
Organized labor movement, work of, in United States, 7–8.
—— society, effect of European war on, 4.
Output: Effect of light on, 175, 177; relation of accident prevention to, 181.

PALMER, WALTER B. Simplified Cost Accounting for Manufacturers, 165–173.
Panama, sanitary work accomplished in, 259.
Peace: Business of congress establishing a permanent, 236; disarmament as a means of bringing about, 246; importance of an international guarantee of, 236; importance of United States maintaining a policy of, 231–232; international guarantee of, 236; international police force as a means of securing, 246; of world, methods by which United States may contribute to permanent, 233; organization of a congress for the establishment of

a permanent, 235–236; possibility of constructive, 274; reasons for failure of previous leagues of, 280; resolutions embodying economic pressure as a means of conserving, 272–273; service demanded by perpetual and constructive, 275.

PEACE, AMERICA'S POSSIBLE CONTRIBUTION TO A CONSTRUCTIVE. Morris Hillquit, 239–242.

PEACE, ECONOMIC PRESSURE AS A MEANS TOWARD CONSERVING. Herbert S. Houston, 270–273.

PEACE, HOW CAN AMERICA BEST CONTRIBUTE TOWARD CONSTRUCTIVE AND DURABLE? Charles W. Eliot, 243–244.

PEACE, WORLD COURT AND LEAGUE OF. Theodore Marburg, 276–283.

Peace conference, results of second, held at The Hague in 1907, 277.

PEACE OF THE WORLD, HOW AMERICA MAY CONTRIBUTE TO THE PERMANENT. George W. Kirchwey, 230–234.

Pennsylvania, efforts of, to relieve unemployment, 45–46.

Persia, population of, 36.

Poles, number of, in United States, 31.

Polish immigrants, number of, in 1914, 30.

Political relations of Central and South America with the United States, 66–67.

Porto Rico, effect of discovery of hookworm disease in, 259–260.

Production: Frequent changes in standard, a cause of unemployment, 156; increase in, 174; of wealth, importance of continued, 88–89; results of large-scale, 174; unemployment, a problem or irregularity in, 135.

Profit sharing, as a spur to efficiency, 185.

Public employment offices: Extension of, 12; provision of federal system of, 18.

Publicity, as an efficient safeguard of proper conditions in a factory, 160.

RING, WELDING. Transportation Facilities Needed for Latin American Trade, 81–85.

Roumania, population of, 36.

Russian immigrants, number of, in 1914, 30.

Salaries, standardization of, 204–205.

Scientific employment, importance of, 103.

—— management: A means of providing coöperation among conservers, 215; accomplishments of, 212–213; aims of, 208; definition of, 208; functions of management under, 107; necessity of standardization under, 109; possibilities of greater agricultural efficiency through, 194; relation of, to industrial position of a country, 209; results of, 152–153; standardization and, 212.

SCIENTIFIC MANAGEMENT APPLIED TO THE STEADYING OF EMPLOYMENT, AND ITS EFFECT IN AN INDUSTRIAL ESTABLISHMENT. Richard A. Feiss, 103–111.

SCIENTIFIC MANAGEMENT AS A SOLUTION OF THE UNEMPLOYMENT PROBLEM. Morris Llewellyn Cooke, 146–164.

SCIENTIFIC MANAGEMENT, WHAT, MEANS TO AMERICA'S INDUSTRIAL POSITION. Frank B. Gilbreth and Lillian Moller Gilbreth, 208–216.

Scientific methods, application of, to material element in certain industries, 211.

Seasonal demand, a cause of unemployment, 153–154.

Self-sufficiency, policy of, 63–64.

Selling price, adoption of a fixed, 86.

Servia, population of, 36.

Sherman law, application of, to export trade, 54–55.

Shipping facilities between North and South America, 76–79.

SHUSTER, W. MORGAN. Acquisitive Statesmanship, 245–251.

Source-organization, various forms of, 125.

South America: European control of railways in, 74; extent of European capital in, 74; interruption of business in, 82–83; necessity for representation in, 75; opportunity presented United States for establishing trade with, 80; reason for decrease in commerce with, 79; shipping facilities between North and, 76–79.

SOUTH AMERICA, THE RELATIONS OF CENTRAL AND, AS AFFECTED BY THE EUROPEAN WAR. Luis F. Corea, 66–70.

South American business, system of credits in, 72–73.

Spanish business houses, number of, in Buenos Aires, 58.

Standard specifications for supplies, steps necessary to prepare, 203.

Standardization: In city government, 199, 206; major lines of activity in, in New York City, 202; meaning of, 199–200; necessity of, in private business, 201; necessity of, under scientific management, 109; of jobs, desirability of, 115; of salaries, 204–205; of supplies, effect of, in New York City, 203–204; of supplies specifications, 203–204; opportunity for, in city government, 206; origin of, in cities, 201–202; reasons for lack of, 212; scientific management and, 212; various methods of, 200–201.

Standards: Definition of, 199; evolution of, in fields of private administration, 201; methods employed in developing, 201; value of, in promoting efficiency in government, 200.

STANDARDS, Development of, in Municipal Government. Henry Bruère, 187-198.

STATESMANSHIP, ACQUISITIVE. W. Morgan Shuster, 245–251.

Stock: Lack of, a cause of unemployment, 156; taking of, a cause of unemployment, 156–157.

Surplus, distribution of the earned, 185.

Taxation: Of land values, advantages of, 255–256; unjustness of, 253.

TAXATION, WAR—OR SCIENTIFIC. C. H. Ingersoll, 252–256.

Taxes, scientific system of levying, an insurance against war, 255.

The Hague: Results of international conference held at, in 1900, 276; results of second peace conference held at, in 1907, 277.

Transportation, a fundamental necessary for Latin American trade, 82.

TRANSPORTATION FACILITIES NEEDED FOR LATIN AMERICAN TRADE. Welding Ring, 81–85.

Turkey: Immigration to United States from, 32; population of, 36.

Unemployed: Relief provided the, 19–20; total number of, in New York City, 15–16.

Unemployment: A continuous condition, 21; a problem of industrial disarrangement, 11; a problem of irregularity in production, 135; amount of, in New York City in 1914, 25; an industrial and social problem, 21; as a risk of business, 41; as an industrial problem, 41; average, of, in United States, 40; causes of, 22, 90–91, 147, 149, 150–151, 153–158, 159–161; causes of, in boot and shoe manufacturing industry, 162–163; causes of ineffectiveness of dealing with, 11; census method of ascertaining, in New York City, 25–26; concern of New York City in problem of, 13–14; conditions of producing, 18; data on, in fifteen cities of United States, 28–29; effect of, upon

income, 99; efforts of Germany to relieve, 46–47; efforts of industry to prevent, 21; efforts of Pennsylvania to relieve, 45–46; elements of problem of, 16; evidences of government interest in, 12–13; extent of knowledge of, in United States, 24; extent of knowledge of causes of, 21; failure of state and national governments to consider measures respecting prevention of, 21; government interest in, 12–13; importance of information as to, 27; in United States in 1913–14, 11; inadequacy of temporary expedients for, 21; increase in, as a result of European war, 6; influence of, on standards of wages, 94; losses from, 135; means of solving problems of, 164; means taken to relieve, 45; measures advocated to prevent, 101; measures necessary to cure, 21–22; methods established to prevent, of the immigrant, 42–43; methods of improving, in boot and shoe manufacturing industry, 163; necessity of coöperation in handling problem of, 28; necessity of organizing a committee to deal with, in New York City, 14; need of national agency to cope with problem of, 22–23; notes regarding, in boot and shoe manufacturing industry, 162–164; organization of societies to study problem of, 159; percentage of, in New York City, 26–27; problems to be dealt with by committee on, in New York City, 14–15; recommendations of committees on, 12; remedies for, 19; results of, 146–147; some causes for, in this country, 27; some suggestions for dealing with problem of, 20, 40–41; work accomplished by committee on, in New York City, 15–16; work of cities in the relief of, 21.

UNEMPLOYMENT AND IMMIGRATION. Frances A. Kellor, 40–44.

UNEMPLOYMENT, SOME RECENT SURVEYS OF. Royal Meeker, 24–29.

UNEMPLOYMENT, THE EFFECT OF, ON THE WAGE SCALE. Mary Van Kleeck, 90–102.

Unemployment insurance, establishment of, 18.

UNEMPLOYMENT PROBLEM, AMERICA'S. Henry Bruère, 11–23.

UNEMPLOYMENT PROBLEM, SCIENTIFIC MANAGEMENT AS A SOLUTION OF THE. Morris Llewellyn Cooke, 146–164.

United States: As leader of neutral powers, 240; attempts to establish a federal system of labor exchanges in the, 145; average of unemployment in, 40; balance of trade of, 2; commercial relations between Central and South America and, 67–69; condition of the labor market in the, 140; criminal rate in the, 258; data on unemployment in fifteen cities of, 28–29; deaths caused annually by typhoid fever in the, 257; desirability of closer relations between Latin America and, 232–233; duties of, as a leader of the neutral powers, 232; duty of, in establishing world peace, 237; duty of, with regard to violated principles of international law, 232; effect of European war on social and industrial life of, 239; establishment of a large army and navy in the, 251; exportation of arms by, to belligerents, 240–241; exposed frontiers of the, 263; first effects of European war on industry and commerce in, 6; growing intimacy between Central and South America and the, 66; immigration to, from Turkey, 32; importance of the, maintaining a policy of peace, 231–232; indebtedness of, 61; influence of governmental policy on development of commercial intercourse between Latin America and, 68; interdependence existing

between Great Britain and the, 268; methods by which, may contribute to permanent peace of world, 233; moral influence of, on European war, 241; number of deaths caused annually by industrial accidents in, 257; number of industrial accidents annually in, 257; number of Poles in, 31; opportunity presented, for establishing trade with South America, 80; political relations of Central and South America with the, 66–67; the, and her share in the international naval force, 244; unemployment in, 1913–14, 11; work of organized labor movement in, 7–9.

UNITED STATES AND LATIN AMERICA, WHAT CAN THE, DO FOR EACH OTHER? Charles M. Muchnic, 71–80.

UNITED STATES, THE RELATIONS OF CENTRAL AND SOUTH AMERICA WITH THE, AS AFFECTED BY THE EUROPEAN WAR. Luis F. Corea, 66–70.

United States army: Accomplishments of, in Cuba, 258–259; as advance guard of civilization, 261; elimination of deaths from typhoid in, 260; work of, in elimination of yellow fever from tropics, 259.

Uruguay, growth of our exports to, 52.

VAN KLEECK, MARY. The Effect of Unemployment on the Wage Scale, 90–102. *See also* 146, 153.

Vocational guidance, assumption of responsibility by firms for intelligent, 133.

Wage-earners: Effect of European war on, 5; maximum and minimum number of, employed at one time, 93.

WAGE SCALE, THE EFFECT OF UNEMPLOYMENT ON THE. Mary Van Kleeck, 90–102.

Wages: Advantages of paying high, 162; factors entering into determination of, 92; influence of unemployment on standards of, 94.

War: Analogy between industry and, 127–128; scientific system of levying taxes on insurance against, 255. *See* Economic Access, Economic Pressure, Internationalism, America, United States, European War.

WAR—OR SCIENTIFIC TAXATION. C. H. Ingersoll, 252–256.

WAR, THE, AND IMMIGRATION. Frank Julian Warne, 30–39.

WARNE, FRANK JULIAN. The War and Immigration, 30–39.

Wars, cause of, 247.

WILLIAMS, TALCOTT. An International Court, An International Sheriff and World Peace, 274–275.

WILLITS, JOSEPH H. The Labor Turn-Over and the Humanizing of Industry, 127–137. *See also* 161.

WOOD, LEONARD. The Constructive Work of the American Army, 257–262.

Work, intermittent char,acter of, a cause of unemployment 154.

Workers: Ability of, to protect themselves, 9; effect of dust upon, and their output, 180; effect of environment upon, 175; effect of proper light on, 175, 177.

WORKING CONDITIONS NECESSARY FOR MAXIMUM OUTPUT. Norris A. Brisco, 174–182.

WORLD COURT AND LEAGUE OF PEACE. Theodore Marburg, 276–283.

World peace, duty of United States in establishing, 237.

WORLD PEACE, AN INTERNATIONAL COURT, AN INTERNATIONAL SHERIFF AND. Talcott Williams, 274–275.

WORLD'S PEACE, HOW CAN AMERICA BEST CONTRIBUTE TO THE MAINTENANCE OF THE? G. Lowes Dickinson, 235–238.

CUMULATIVE TOPICAL INDEX

Below is a list of references to the articles in previous issues of THE ANNALS which also treat of the special subjects discussed in this volume. A cumulative index will appear in each succeeding issue of THE ANNALS. Through these cumulative indices, the vast amount of valuable material that the Academy has published during the twenty-five years of its existence can be efficiently correlated and effectively used.—THE EDITOR.

EFFICIENCY IN BUSINESS ORGANIZATION

Previous volumes:

Business Management, *Vol. XXII, November, 1903;* Business Management and Finance, *Vol. XXV, January, 1905;* Industrial Education, *Vol. XXXIII, January, 1909;* American Business Conditions, *Vol. XXXIV, November, 1909;* Risks in Modern Industry, *Vol. XXXVIII, July, 1911;* Industrial Competition and Combination, *Vol. XLII, July, 1912.*

Articles in other volumes:

Some Features of the Labor System and Management at the Baldwin Locomotive Works, John W. Converse, *Vol. XXI, January, 1903, p. 1;* The Cause of Business Stagnation: An Inquiry into the Interrelation of the Industrial and the Financial World, Hugo Bilgram, *Vol. XXV, January, 1905, p. 87;* Child Labor Legislation—A Requisite for Industrial Efficiency, Jane Addams, *Vol. XXV, May, 1905, p. 128;* Industrial Output and Social Efficiency, Charles Ervin Reitzel, *Vol. LIX, May, 1915, p. 125.*

EMPLOYMENT BUREAUS

Articles in other volumes:

Employment Bureau for the People of New York City, Edward T. Devine, *Vol. XXXIII, March, 1909, p. 1;* Statutory Provisions for and Achievements of Public Employment Bureaus, Henry G. Hodges, *Vol. LIX, May, 1915, p. 165;* Public Bureaus of Employment, Charles B. Barnes, *Ibid., p. 185.*

EMPLOYMENT—PERMANENCY IN

Articles in other volumes:

Seasonal Occupation in the Building Trades, Luke Grant, *Vol. XXXIII, March, 1909, p. 129;* Casual and Chronic Unemployment, Morris Llewellyn Cooke, *Vol. LIX, May, 1915, p. 194.*

FARM MANAGEMENT AND AGRICULTURAL EFFICIENCY

Previous volumes:

The New South, *Vol. XXXV, January, 1910;* Country Life, *Vol. XL, March, 1912.*

Articles in other volumes:

Growth and Management of American Agriculture, Frank T. Carlton,

Vol. XXII, November, 1903, p. 79; The Agricultural Bank for the Philippine Islands, J. W. Jenks, *Vol. XXX, September, 1907, p. 38;* Scientific Farming and Scientific Financing, Leonard G. Robinson, *Communication, Vol. XLVI, March, 1913, p. 167;* Effect of Farm Credits on Increasing Agricultural Production and Farm Efficiency, Homer C. Price, *Vol. L, November, 1913, p. 183;* The Importance of Research as a Means of Increasing Agricultural Production, M. B. Waite, *Vol. LIX, May, 1915, p. 40;* Agricultural Education and Agricultural Prosperity, A. C. True, *Ibid., p. 51;* The Efficiency Movement in its Relation to Agriculture, W. J. Spillman, *Ibid., p. 65;* The Scientific Study of Marketing, Selden O. Martin, *Ibid., p. 77.*

FOREIGN TRADE—DEVELOPMENT OF

Articles in other volumes:

The Manufacturer's Need of Reciprocity, A. B. Farquhar, *Vol. XIX, March, 1902, p. 21;* Our Trade with Cuba and the Philippines, Clarence R. Edwards, *Vol. XIX, May, 1902, p. 40;* Our Trade with Hawaii and Porto Rico, O. P. Austin, *Ibid., p. 47;* Some Agencies for the Extension of our Domestic and Foreign Trade, George Bruce Cortelyou, *Vol. XXIV, July, 1904, p. 1;* Present Condition in International Trade, John J. Macfarlane, *Vol. XXXIV, November, 1909, p. 7;* Financing our Foreign Trade, Frederick I. Kent, *Vol. XXXVI, November, 1910, p. 14;* Shipping Facilities between the United States and South America, William E. Humphrey, *Communication, Vol. XXXVIII, September, 1911, p. 303;* Reciprocity, Clifford Sifton, *Vol. XLV, January, 1913, p. 20;* Canada and the Preference, Canadian Trade with Great Britain and the United States, S. Morely Wickett, *Ibid, p. 29;* Rate Agreements between Carriers in the Foreign Trade, P. A. S. Franklin, *Vol. LV, September, 1914, p. 155;* The Attitude of Business Towards Foreign Trade, Edward Ewing Pratt, *Vol. LIX, May, 1915, p. 291;* Branch Banks and Our Foreign Trade, William S. Kies, *Ibid., p. 301;* South American Markets, Charles M. Pepper, *Ibid., p. 309;* The United States' Opportunity to Increase its Foreign Trade with South America, Lorenzo Daniels, *Ibid., p. 316;* Coöperative Pioneering and Guaranteeing in the Foreign Trade, Edward A. Filene, *Ibid., p. 321.*

See cumulative and volume index of The Annals, *July, 1915.*

IMMIGRATION

Previous volumes:

Chinese and Japanese in America, *Vol. XXXIV, September, 1909.*

Articles in other volumes:

The Immigration Question, J. H. Senner, *Vol. X, July, 1897, p. 1;* Problems of Immigration, Frank P. Sargent, *Vol. XXIV, July, 1904, p. 151;* Selection of Immigration, Eliot Norton, *Ibid., p. 159;* Immigration in its Relation to Pauperism, Prescott F. Hall, *Ibid., p. 167;* Australasian Methods of Dealing with Immigration, Frank Parsons, *Ibid., p. 207;* Proposals Affecting Immigration, John D. Trenor, *Ibid., p. 221;* The Americanization of the Immigrant, Grover G. Huebner, *Vol. XXVII, May, 1906, p. 191;* The Influence of Immigration on Agricultural Development, John Lee Coulter, *Vol.*

XXXIII, March, 1909, p. 149; The Italian as an Agricultural Laborer, *Ibid., p. 156;* The Jewish Immigrant as an Industrial Worker, Charles S. Bernheimer, *Ibid., p. 175;* Immigrants and Crime, William S. Bennet, *Vol. XXXIV, July, 1909, p. 117;* Immigration and the American Laboring Classes, John Mitchell, *Ibid., p. 125;* Race Progress and Immigration, William Z. Ripley, *Ibid., p. 130;* Our Recreation Facilities and the Immigrant, V. Von Borosini, *Vol. XXXV, March, 1910, p. 141;* Immigration—A Central American Problem, E. B. Filsinger, *Vol. XXXVII, May, 1911, p. 165;* Immigrant Rural Communities, Alexander E. Cance, *Vol. XL, March, 1912, p. 69;* Immigration and the Minimum Wage, Paul U. Kellogg, *Vol. XLVIII, July, 1913, p. 66;* The Negro and the Immigrants in the Two Americas, Jas. B. Clarke, *Vol. XLIX, September, 1913, p. 32;* Justice for the Immigrant, Frances A. Kellor, *Vol. LII, March, 1914, p. 159;* The Alien in Relation to our Laws, Gino C. Speranza, *Ibid., p. 169.*

LATIN AMERICAN RELATIONS

Previous volumes:

International Relations of the United States, *Vol. LIV, July, 1914.*

Articles in other volumes:

The International Commercial Congress, Wilfred H. Schoff, *Communication, Vol. XV, January, 1900, p. 69. See* cumulative and volume index of The Annals, *July, 1915.*

SCIENTIFIC MANAGEMENT

Articles in other volumes:

Importance of Cost-Keeping to the Manufacturer, Conrad N. Lauer, *Vol. XXII, November, 1903, p. 47;* Attitude of Labor Towards Scientific Management, Hollis Godfrey, *Vol. XLIV, November, 1912, p. 59;* Motion Study as an Increase of National Wealth, Frank B. Gilbreth, *Vol. LIX, May, 1915, p. 96.*

UNEMPLOYMENT

Articles in other volumes:

Future Problem of Charity and the Unemployed, J. G. Brooks, *Vol. V, July, 1894, p. 1;* The Problem of Unemployment in the United Kingdom, Sidney Webb, *Vol. XXXIII, March, 1909, p. 196;* Taxation of Land as a Remedy for Unemployment, Bolton Hall, *Vol. LIX, May, 1915, p. 148;* Socialism as a Cure for Unemployment, John Spargo, *Ibid., p. 157.*

WORLD PEACE AND CONSTRUCTIVE INTERNATIONALISM

Previous volumes:

The United States as a World Power, *Vol. XXVI, July, 1905.*

Articles in other volumes:

International Arbitration, Eleanor L. Lord, *Vol. II, January, 1892, p. 39;* The Doctrine and Practice of Intervention in Europe, W. E. Lingelbach, *Vol. XVI, July, 1900, p. 1;* Protection, Expansion and International Competition, W. G. Langworthy Taylor, *Vol. XXIII, January, 1904, p. 26.*